

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<p style="text-align: center;">APPLICATION ELEMENTS</p> <p>See MPEP chapter 600 concerning utility patent application contents.</p>	<p style="text-align: center;">ADDRESS TO:</p> <p>Attorney Docket No. 4224-101 First Inventor MESHIRER, Milton S. Title AMMUNITION ARTICLES COMPRISING LIGHT-CURABLE MOISTURE-PREVENTATIVE SEALANT AND METHOD OF MANUFACTURING SAME Express Mail Label No. EV 307494666 US</p>
--	---

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 20] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 1]</p> <p>5. Oath or Declaration [Total Sheets 1]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.39(d).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>
ACCOMPANYING APPLICATION PARTS		
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s)</p> <p>15. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122, (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>16. <input type="checkbox"/> Other:</p>		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

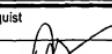
 Continuation Divisional Continuation-in-part (CIP)

of prior application No.:

Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label)		<input type="checkbox"/> Correspondence address below	
Name	Intellectual Property Technology Law 23448		
Address			
City	State	Zip Code	
Country	USA	Telephone (919) 419-9350	Fax (919) 419-9354
Name (Print/type)	Steven J. Hultquist	Registration No. (Attorney/Agent)	28021
Signature			
	Date	September 11, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is provided by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

22154 U.S. PTO
2211/652193
09/11/03

23448

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

<p style="text-align: center;">FEE TRANSMITTAL for FY 2003</p> <p>Effective 01/01/2003. Patent fees are subject to annual revision.</p> <p><input checked="" type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27</p>		<p style="text-align: center;">Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td></td> </tr> <tr> <td>Filing Date</td> <td>September 11, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>MESHIRER, Milton S.</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td>4224-101</td> </tr> </table>		Application Number		Filing Date	September 11, 2003	First Named Inventor	MESHIRER, Milton S.	Examiner Name		Art Unit		Attorney Docket No.	4224-101
Application Number															
Filing Date	September 11, 2003														
First Named Inventor	MESHIRER, Milton S.														
Examiner Name															
Art Unit															
Attorney Docket No.	4224-101														
<p>TOTAL AMOUNT OF PAYMENT</p>		<p>(\$) 514.00</p>													

METHOD OF PAYMENT (check all that apply)

<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account 083284 Intellectual Property Technology Law				

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayment

Charge any additional fee(s) required under 37 CFR 1.16 and 1.17

Changes from the previous version are indicated below, except for the following:

Charge fee(s) indicated below.

FEE CALCULATION (continued)

3. ADDITIONAL FEES			Fee Description	Fee Paid
Large Entity Fee Code (\$1)	Small Entity Fee Code (\$1)	Fee Description		
1051	130	2051	Surcharge - late filing fee or oath	
1052	50	2052	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1,450	2254	725	Extension for reply within fourth month
1255	1,970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revoke - unavoidable
1453	1,300	2453	650	Petition to revoke - unintentional
1501	1,300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	1800	1806	1800	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each assignment per property (or reissue of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(e))
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify)				
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3)	(\$ 40.00)

^{**} or number previously paid, if greater. For Reissues, see above.

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** **(S) 40.00**

SIGNED BY

Complete if applicable

Submitted by: Steven J. Hultquist (SJDH) Registration No. 28021 Telephone (919) 419-9350
Signature:  Date: 09/11/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:)	Docket No.:	4224-101
Applicant:	MESHIRER, Milton S.)	Conf. No.:
Application No.:)	Customer No.:	
Date Filed:	September 11, 2003)	
Title:	AMMUNITION ARTICLES COMPRISING LIGHT- CURABLE MOISTURE- PREVENTATIVE SEALANT AND METHOD OF MANUFACTURING SAME)	Customer No. 23448

EXPRESS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.

Dr. Stephen Lockett

September 11, 2003
Date

EV 307494666 US
Express Mail Label Number

SUBMISSION OF NEW U.S. PATENT APPLICATION

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450